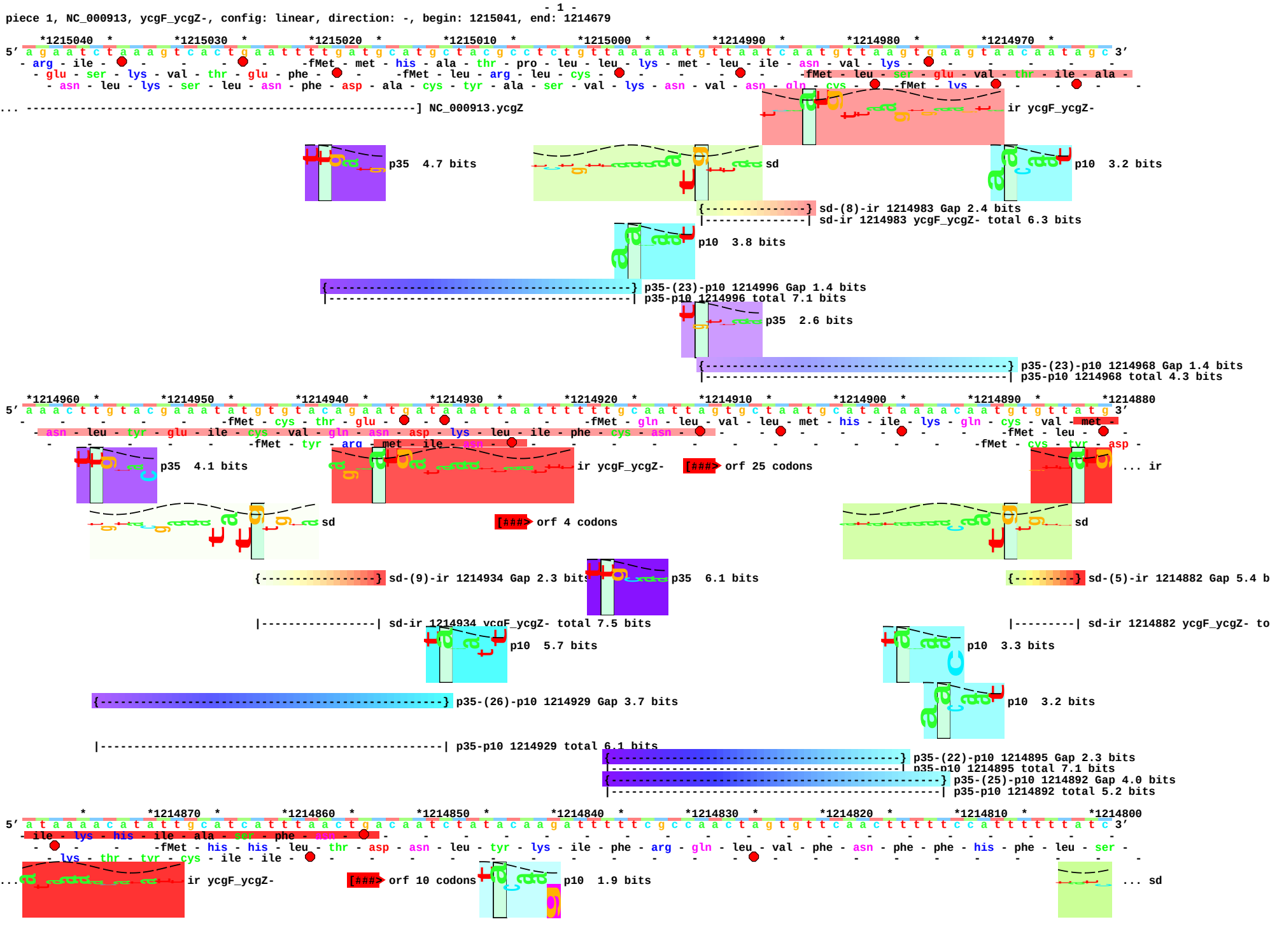
piece 1, NC_000913, ycgF_ycgZ-, config: linear, direction: -, begin: 1215041, end: 1214679
*1215040 *1215030 *1215020 *1215010 *1215000 *1214990 *1214980 *1214970
5' a g a a t c t a a a g t c a c t g a a t t t t g a t g c a t g c t a c g c c t c t g t t a a a a a t g t t a a t c a a t g t t a a g t g a a g t a a c a a t a g c 3'
- arg - ile - -fMet - met - his - ala - thr - pro - leu - leu - lys - met - leu - ile - asn - val - lys -
- glu - ser - lys - val - thr - glu - phe - -fMet - leu - arg - leu - cys - -fMet - leu - ser - glu - val - thr - ile - ala -
- asn - leu - lys - ser - leu - asn - phe - asp - ala - cys - tyr - ala - ser - val - lys - asn - val - asn - gln - cys - -fMet - lys -
... ----------] NC_000913.ycgZ
ir ycgF_ycgZ-
p35 4.7 bits
sd
p10 3.2 bits
{----------} sd-(8)-ir 1214983 Gap 2.4 bits
|----------| sd-ir 1214983 ycgF_ycgZ- total 6.3 bits
p10 3.8 bits
{----------} p35-(23)-p10 1214996 Gap 1.4 bits
|----------| p35-p10 1214996 total 7.1 bits
p35 2.6 bits
{----------} p35-(23)-p10 1214968 Gap 1.4 bits
|----------| p35-p10 1214968 total 4.3 bits
*1214960 *1214950 *1214940 *1214930 *1214920 *1214910 *1214900 *1214890 *1214880
5' a a a c t t g t a c g a a a t a t g t g t a c a g a a t g a t a a a t t a a t t t t t t g c a a t t a g t g c t a a t g c a t a t a a a a c a a t g t g t t a t g 3'
- -fMet - cys - thr - glu - -fMet - gln - leu - val - leu - met - his - ile - lys - gln - cys - val - met -
- asn - leu - tyr - glu - ile - cys - val - gln - asn - asp - lys - leu - ile - phe - cys - asn - -fMet - leu -
-fMet - tyr - arg - met - ile - asp -
p35 4.1 bits
ir ycgF_ycgZ- [###> orf 25 codons ... ir
sd
[###> orf 4 codons
sd
{----------} sd-(9)-ir 1214934 Gap 2.3 bits
p35 6.1 bits
{---------} sd-(5)-ir 1214882 Gap 5.4 b
|----------| sd-ir 1214934 ycgF_ycgZ- total 7.5 bits
|---------| sd-ir 1214882 ycgF_ycgZ- to
p10 5.7 bits
p10 3.3 bits
{----------} p35-(26)-p10 1214929 Gap 3.7 bits
p10 3.2 bits
|----------| p35-p10 1214929 total 6.1 bits
{----------} p35-(22)-p10 1214895 Gap 2.3 bits
|----------| p35-p10 1214895 total 7.1 bits
{----------} p35-(25)-p10 1214892 Gap 4.0 bits
|----------| p35-p10 1214892 total 5.2 bits
* *1214870 *1214860 *1214850 *1214840 *1214830 *1214820 *1214810 *1214800
5' a t a a a a c a t a t t g c a t c a t t t a a c t g a c a a t c t a t a c a a g a t t t t t c g c c a a c t a g t g t t c a a c t t t t t c c a t t t t t t a t c 3'
- ile - lys - his - ile - ala - ser - phe - asn -
- -fMet - his - his - leu - thr - asp - asn - leu - tyr - lys - ile - phe - arg - gln - leu - val - phe - asn - phe - phe - his - phe - leu - ser -
- lys - thr - tyr - cys - ile - ile -
... ir ycgF_ycgZ- [###> orf 10 codons p10 1.9 bits ... sd

p35 6.2 bits
p10 2.8 bits
p35 4.8 bits
p35-(24)-p10 1214844 Gap 2.4 bits
p35-p10 1214844 total 5.6 bits
p35-(26)-p10 1214842 Gap 3.7 bits
p35-p10 1214842 total 5.3 bits
... p35-(23)-p10 1
... p35-p10 121478
*1214790 *1214780 *1214770 *1214760 *1214750 *1214740 *1214730 *1214720
5′ a a t g t a a a g a a a c g g t t a t g t t t t g g t a t t a a a a g a a a g a c a c a a g a a g a t a t g t c t g t t a c c g t c t t a c t c t c g c c t c a c 3′
- met - - - - - - - - -fMet - val - leu - lys - glu - arg - his - lys - lys - ile - cys - leu - leu - pro - ser - tyr - ser - arg - leu - thr -
-fMet - ser - val - thr - val - leu - leu - ser - pro - his -
-fMet - phe - trp - tyr -
ir ycgF_ycgZ-
ir ycgF_ycgZ-
... sd
p10 4.6 bits [###> orf 5 codons
sd-(13)-ir 1214747 Gap 4.6 bits
p35-(23)-p10 1214781 Gap 1.4 bits
p35-p10 1214781 total 7.9 bits
sd-(9)-ir 1214781 Gap 2.3 bits
sd-ir 1214781 ycgF_ycgZ- total 6.8 bits
sd-ir 1214747 ycgF_ycgZ- total 5.7 bits
sd
*1214710 *1214700 *1214690 *1214680
5′ c c a t t a c c c t g g a t t g t t a a t g c t t a c c a c c c t t a t t t a 3′
- pro - leu - pro - trp - ile - val - asn - ala - tyr - his - pro - tyr - leu -
- his - tyr - pro - gly - leu - leu - met - leu - thr - thr - leu - ile -
sd [---------- ... NC_000913.ycgF
ir ycgF_ycgZ-
sd-(8)-ir 1214698 Gap 2.4 bits
[### ... orf
sd-ir 1214698 ycgF_ycgZ- total 7.0 bits